



A Bureau Veritas Group Company

EPA Oversight

Customer	Sprague Energy Corporation
Customer Reference	1.) SEC 4101-11-01 2.) N/A 3.) N/A
Job Number	062711
Bill of Lading Number	N/A
Port of Inspection	Boston, MA
Date of Inspection	June 3, 2011
Location	Sprague Everett
Type of Operation	Analysis
Cargo Grades	1.) Asphalt 64-28 2.) 3.) 4.) 5.)

ALL MEASUREMENTS CONTAINED IN THIS REPORT WERE PERFORMED IN ACCORDANCE WITH THE API CHAPTERS OF PETROLEUM MEASUREMENT STANDARDS AND ASTM PROCEDURES INCLUDING, BUT NOT LIMITED TO: (CHAPTER 3- TANK GAUGING), (CHAPTER 7-TEMPERATURE DETERMINATION), (CHAPTER 8- SAMPLING), (CHAPTER 12- CALCULATION OF PETROLEUM QUANTITIES), AND (CHAPTER 17- MARINE MEASUREMENTS).

ALL INSPECTORATE MEASUREMENTS DEVICES AND METHODS USED FOR QUANTITY AND QUALITY DETERMINATION MEET THE PERTINENT REQUIREMENTS OF 40 CFR 98.3 ET.SEQ. (GREENHOUSE GAS MANDATORY REPORTING RULE).

Michael White

Inspectorate Boston,MA



INSPECTORATE

A Bureau Veritas Group Company

SHORE TANK REPORT

Vessel	EPA Oversight	Port	Boston, Ma.	Report	062711
Customer	Sprague Energy Corporation	Date	June 3, 2011	Reference	SEC 4101-11-01
Operation	Analysis	Terminal	Sprague Everett, Ma.	Reference	Ex: 061411

VCF Table	D-4311	ASTM 2004 VCF Table	Product	Asphalt 64-28
Volumes	Barrels		API Gravity	4.6
ShCF App	Yes			

Tank No.	148	OP-Date 6/5/2011 CL-Date	Time 10:41	Tk Insulated	Yes	Temp Strapped	60	
Volumes	Barrels			Amb-T Open	285	Amb-T Close		
				ShCF Fact	1.00279	ShCF Fact		
VCF Table	D-4311			ShCorr Vol	91.68	ShCorr Vol		
Gauge	Volume	Roof-Vol	API Grav	Temp/F	VCF Fact	GSV Vol		
25-4 3/8	32,860.54	N/A	4.6	285.2	0.9236	30,434.67		
Difference	32,860.54			Tank	148	Receipt	30,434.67	
Gross Volume		Adjustments Made:				Adjusted GSV		

Tank No.	Barrels	OP-Date	Time	Tk Insulated	No	Temp Strapped	60
Volumes				Amb-T Open		Amb-T Close	
VCF Table				ShCF fact		ShCF Fact	
D-4311				ShCorrVol		ShCorr Vol	
Gauge	Volume		Roof-Vol	API Grav	Temp/F	VCF Fact	GSV Vol
Difference					Tank	Receipt	
Gross Volume	Adjustments Made:					Adjusted GSV	

Tank No.	Barrels	OP-Date	Time	Tk Insulated	No	Temp Strapped	60
VCF Table	D-4311	CL-Date	Time	Amb-T Open		Amb-T Close	
				ShCF fact		ShCF Fact	
				ShCorr Vol		ShCorr Vol	
Gauge	Volume		Roof-Vol	API Grav	Temp/F	VCF Fact	GSV Vol
Difference					Tank		Receipt
Gross Volume		Adjustments Made:					Adjusted GSV

Tank No.				Tk Insulated	No	Temp Strapped	60
Volumes	Barrels	OP-Date	Time	Amb-T Open		Amb-T Close	
		CL-Date	Time	ShCF fact		ShCF Fact	
VCF Table	6B			ShCorr Vol		ShCorr Vol	
Gauge	Volume		Roof-Vol	API Grav	Temp/F	VCF Fact	GSV Vol
Difference							
Gross Volume					Tank		Receipt
							Adjusted GSV

Product Name	Asphalt 64-28	
API Gravity @60	4.6	4.6
Cargo Receivers		
Barrels @ 60	30,434.67	
US Gallons	1,278,256	
Pounds	11,068,676	
Long Tons	4,941.370	
Short Tons	5,534.338	
Metric Tons	5,020.503	
Liters	4,838,726	
Kilograms	5,020,503	
Gross Gallons	1,380,143	

Condition of shore line

Full

Method of verification

Line Displacement

Barrels to Long Tons (Table 11)	0.16236
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Barrels to Metric Tons (Table 13)	0.16496
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Christopher R. Davis
Inspectorate Boston, MA



A Bureau Veritas Group Company

TANK GAUGE TICKET

JOB: **062711**

Ex: 061411

TERMINAL: **Sprague Everett, MA**

VESSEL: **EPA Oversight**

PRODUCT: **PG 64-28**

SHORE TANK	148					
	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE
A. MEASURED GAUGE HEIGHT (OBSERVED)	42-2 1/2					
B. REFERENCE GAUGE HEIGHT (TANK CHART)	42-2 1/2					
C. OUTAGE (ULLAGE) OBTAINED	25-4 3/8					
D. Oil On Tape	0-1 1/2					
E. INNAGE CALCULATED **B-C (USE REFERENCE GAUGE HEIGHT)	16-10 1/8					
F. SIDE GAUGE***	N/A					
G: DIFFERENCE E-F (INNAGE LESS SIDE GAUGE)	N/A					
FREE WATER GAUGED	N/A					

TEMPERATURE NOTE: UML temps required if > 10 ft. & add'l temps if spread is more than 5 deg F						
UPPER	285.1					
MIDDLE	285.0					
LOWER	285.4					
AVERAGE TEMPERATURE ***	285.2	0.0	0.0	0.0	0.0	0.0
SIDE TEMPERATURE	N/A					
AMBIENT TEMP.	N/A					
API	4.6					

DATE / TIME	6/5/11 10:41					
FOR INSPECTORATE: (SIGNATURE)	AL					
TERMINAL REPRESENTATIVE (SIGNATURE)	Lance					

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate.



June 3, 2011

Comments if Required

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6/5/11
11:30

Anthony LeVasseur

Inspector's Signature

BOSINSPOG REV #4 1-11

Stas & Emmett

8 Jan 11 4th Grade

1P28-11-2/4

51.79 28-11-2/4

1S 28-11-2/4

65.74 28-11-2/4

2P 10-1-1/2 292/292/292

66.7 28-11-2/4

2S 10-1-1/4 288.3/288.1/288

65.26 29-2

3P 25-2-1/2

23.57 25-2-1/2

3S 25-2-1/2

27.10 25-2-1/2

4P 4-1-7/8 291/291/291

55.89 29-1

4S 4-1-7/8 292.4/292/292

45.87 29-1-1/4

5P 29-1

29-1

5S 29-2-1/2

29-2-1/2

148

1245

1041

S

H 45-2/4 44.4/4" 003

25.97 21-6/8 1-1/2

T 208.4

205.1/205/205.4

API 5.2

Ght 45-6-1/2

42-2-1/2

Chelsea, MA 02130
Phone: (617) 889-6515

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